

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

021286/027 633

Application Number

09/844,684

Applicant(s)

Mikayama, et al.

Filing Date

April 27, 2001

Group Art Unit

1645

1644

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M		5,677,165	10/14/97	de Boer, et al.			May 28, 1993
I		5,786,456	7/28/98	Ledbetter, et al.			Sept. 20, 1993
I		5,801,227	9/1/98	Fanslow, III, et al.			Sept. 8, 1995
P		5,874,082	2/23/99	de Boer			Feb. 23, 1996

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
M		WO 99/42075	08/26/99	PCT			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

M	Tomizuka, et al., "Double trans-chromosomal mice: Maintenance of two individual human chromosome fragments containing Ig heavy and kappa loci and expression of fully human antibodies", PNAS, Jan. 18, 2000, Vol. 97, no. 2.
M	Schoenberger, et al., "T-cell help for cytotoxic T lymphocytes is mediated by CD40-CD40L interactions", Nature, Vol. 393, June 4, 1998.

EXAMINER

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DATE CONSIDERED

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Stamenkovic, et al., "A B-lymphocyte activation molecule related to the nerve growth factor receptor and inuced by cytokines in carcinomas", The EMBO Journal, Vol. 8, no. 5, pp. 1403-1410, 1989.

Clark, et al., "CDw40 and BLCA-specific monoclonal antibodies detect two distinct molecules which transmit progression signals to human B lymphocytes*", Eur. J. Immunol., 1988, 18: 451-457.

Ledbetter, et al., "Augmentation of Normal and Malignant B Cell Proliferation by Monoclonal Antibody to the B Cell-Specific Antigen BP50 (CDW40), The Journal of Immunology, Vol. 138, pp. 788-794, No. 3, February 1, 1987.

Clark, et al., "Activation of human B cells mediated through two distinct cell surface differentiation antigens, Bp35 and Bp50", Proc. Natl. Acad. Sci. USA, Vol. 83, pp. 4494-4498, June 1986.

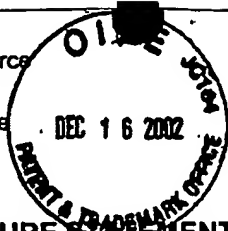
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Client Ref.

021286-0276339

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Mikayama, T., et al.

Appn. No.: 09/844,684

Filing Date: April 27, 2001

Date: December 9, 2002

Page

1

of

1

Examiner: Philip Gambel

Group Art Unit: 1644

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Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
PL	AR	5,786,456	07/1998	Ledbetter, et al.	530	388.73	09/20/93
	BR	6,004,552	12/1999	de Boer, et al.	424	144.1	06/05/95
	CR	6,051,228	04/2000	Aruffo, et al.	424	144.1	02/19/98
	DR						
	ER						
	FR						
	GR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	HR	WO 00/75348A1	12/2000	PCT	Siegall, Clay B., et al.	C12N 15/63				
	IR	WO 01/83755 A2	11/2001	PCT	Mikayama, T., et al.	C12N 15/13				
	JR	WO 01/83755 A3	11/2001	PCT	Mikayama, T., et al.	C12N 15/13				
M	KR	WO 02/28904 A2	04/2002	PCT	Chu, K., et al.	C07K 16/28				
	LR									
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	NR									
	OR									
	PR									
	QR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

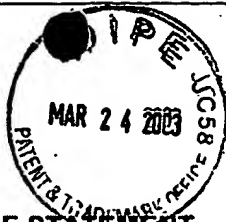
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Page 1 of 3

Examiner: Philip Gambel Group Art Unit: 1644

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AR						
BR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
✓	CR	WO 91/09115	06/1991	PCT	Banchereau	Y			
	DR	WO 96/33735	10/1996	PCT	Kucherlapati	Y			
	ER	WO 96/34096	10/1996	PCT	Kucherlapati	Y			
	FR	WO 99/61051	12/1999	PCT	Segal	Y			
	GR	WO 00/00156	01/2000	PCT	Wade	Y			
	HR	WO 00/75348 A1	12/2000	PCT	Siegall	Y			
	IR	WO 01/24823	04/2001	PCT	Keting	Y			
	JR	WO 01/56603	08/2001	PCT	Thomas	Y			
	KR	WO 02/28904	04/2002	PCT	Chu	Y			
	LR	EP 0945 465 A1	09/1999	EP	De Boer	Y			
	MR	EP 0972 445 A1	01/2000	EP	Tomizuka	Y			

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NR	Kwekkeboom, et al., "Helper effector function of human T cells stimulated by anti-CD3 mAb can be enhanced by co-stimulatory signals and is partially dependent on CD40-CD40 ligand interaction," <u>Eur. J. Immunol.</u> (1994), Vol. 24, pp. 508-517.	Y			
OR	Hasbold, et al., "Cell division number regulates IgG1 and IgE switching of B cells following stimulation by CD40 ligand and IL-4," <u>Eur. J. Immunol.</u> (1998), Vol. 28, pp. 1040-1051.	Y			
PR	Pound, et al., "Minimal cross-linking and epitope requirements for D40-dependent suppression of apoptosis contrast with those for promotion of the cell cycle and homotypic adhesions in human B cells," <u>Int'l Immunol.</u> (1999), Vol. 11, No. 1, pp. 11-20.	Y			
QR	Francisco, et al., "Agonistic Properties and <i>in Vivo</i> Antitumor of the Anti-CD40 Antibody SGN-14," <u>Cancer Research</u> , (June 15, 2000), Vol. 60, pp. 3225-3231.	Y			
RR	Romano, et al., "Triggering of CD40 Antigen Inhibits Fludarabine-Induced Apoptosis in B Chronic Lymphocytic Leukemia Cells," <u>Blood</u> , (August 1, 1998) Vol. 98, No. 3, pp. 990-995.	Y			
SR	Hirano, et al., "Inhibition of Human Breast Carcinoma Growth by a Soluble Recombinant Human CD40 Ligand," <u>Blood</u> , (May 1, 1999), Vol. 93, No. 9, pp. 2999-3007.	Y			

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PC	NNR	Diehl, et al., "CD40 activation in vivo overcomes peptide-induced peripheral cytotoxic T-lymphocyte tolerance and augments anti-tumor vaccine efficacy," <u>Nature Medicine</u> , (July 1999) Vol. 5, No. 7, pp. 774-779. tolerance and	Y			
	00R	Schoenberger, et al., "T-cell help for cytotoxic T lymphocytes is mediated by CD40-CD40L interactions," <u>Nature</u> , (June 4, 1998), Vol. 393, pp.480-483.	Y			
	00R	van Mierlo, et al. "CD40 stimulation leads to effective therapy of CD40-tumors through induction of strong systemic cytotoxic T lymphocyte immunity," <u>PNAS</u> , (April 16, 2002) Vol. 99, No. 8, pp. 5561-5566.	Y			
	00R	An, et al., "Ligation of CD40 Potentiates Fas-Mediated Activation of the Cysteine Protease CPP32, Cleavage of Its Death Substrate PARP, and Apoptosis in Ramos - Burkitt Lymphoma B Cells," <u>Cellular Immunology</u> , (1997) Vol. 181, pp. 139-152.	Y			
	RRR	Barr, et al., "Functional activity of CD40 antibodies correlates to the position of binding relative to CD154," <u>Immunology</u> , (2001) Vol. 102, pp. 39-43.	Y			
	SSR	Baccam, et al., "Membrane-bound CD154, but not CD40-specific antibody, mediates NF- κ B-independent IL-6 production in B cells," <u>Er. J. Immunol.</u> , (1999), Vol. 29, pp. 3855-3866.	Y			
	TTR	Kedl, et al., "CD40 stimulation accelerates deletion of tumor specific CD8+ T cells in the absence of tumor-antigen vaccination," <u>PNAS</u> , (September 11, 2001) Vol. 98, No. 19, pp. 10811-10816.	Y			
	UUR	Tomizuka, et al., "Double trans-chromosomic mice: Maintenance of two individual human chromosome fragments containing Ig-heavy and κ loci and-expression of fully human antibodies," <u>PNAS</u> , (January 18, 2000) Vol. 97, No. 2, pp. 722-727.	Y			
PC	VVR	Boon, et al., "Preclinical assessment of anti-CD40 Mab 5D12 in cynomolgus monkeys," <u>Toxicology</u> , (2002), Vol. 174, pp. 53-65.	Y			
	WWR					
	XXR					
	YYR					
	ZZR					

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